

S1	297	(US-6538901-\$ or US-6445988-\$ or US-5206766-\$ or US-5909294-\$ or US-5883730-\$ or US-6441937-\$ or US-6493121-\$ or US-5485538-\$ or US-5487124-\$ or US-5566265-\$ or US-5943461-\$ or US-5664035-\$ or US-5686990-\$ or US-6434015-\$ or US-6459746-\$ or US-6477200-\$ or US-6397136-\$ or US-6452870-\$ or US-6459973-\$ or US-6008750-\$ or US-6025963-\$ or US-5237441-\$ or US-5875047-\$ or US-5221832-\$ or US-5247310-\$ or US-5256865-\$).did. or (US-5278396-\$ or US-5506445-\$ or US-5631987-\$ or US-5652813-\$ or US-5696862-\$ or US-5729644-\$ or US-5841562-\$ or US-5842300-\$ or US-5854702-\$ or US-5956168-\$ or US-6169295-\$ or US-6287128-\$ or US-6347954-\$ or US-6361330-\$ or US-6385375-\$ or US-6527458-\$ or US-6618406-\$ or US-6628854-\$ or US-6659657-\$ or US-6661817-\$ or US-6789959-\$ or US-6827506-\$ or US-6836493-\$ or US-6856769-\$ or US-6857792-\$ or US-4874218-\$ or US-5210788-\$).did. or (US-5225830-\$ or US-5293032-\$ or US-5828476-\$ or US-6151645-\$ or US-6205320-\$ or US-6252544-\$ or US-6429812-\$ or US-6526080-\$ or US-4369524-\$ or US-5264955-\$ or US-5475775-\$ or US-5574806-\$ or US-6832861-\$ or US-5736782-\$ or US-6022151-\$ or US-6722793-\$ or US-6055425-\$ or US-5556128-\$ or US-5830348-\$ or US-5189544-\$ or US-5717516-\$ or US-4854667-\$ or US-5027434-\$ or US-5349267-\$ or US-5400419-\$ or US-5515682-\$ or US-5633761-\$).did. or (US-5659432-\$ or US-5677779-\$ or US-5689378-\$ or US-5693965-\$ or US-5721426-\$ or US-5751878-\$ or US-5771325-\$ or US-5877898-\$ or US-5949932-\$ or US-5966938-\$ or US-6026104-\$ or US-6075856-\$ or US-6229999-\$ or US-6407974-\$ or US-6785440-\$ or US-4449068-\$ or US-5537070-\$ or US-5926129-\$ or US-6049702-\$ or US-6084921-\$ or US-6147563-\$ or US-6232843-\$ or US-4798435-\$ or US-5917969-\$ or US-5337145-\$ or US-5339187-\$ or US-5363363-\$).did. or (US-5367397-\$ or US-4995045-\$ or US-4988416-\$ or US-5210633-\$ or US-5283679-\$ or US-5321710-\$ or US-5351685-\$ or US-5352885-\$	USPAT	OR	ON	2005/03/08 17:25
Search History 3/9/05 6:27:10 PM Page 2 of 2 C:\Documents and Settings\echien\My Documents\CAS\Workspaces\10656008.wsp						

S2	31	S1 and 385/92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 17:25
S5	29	S2 and transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 17:30
S6	7	S5 and (bidirection\$5 bi adj direction\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 17:30
S7	7	(US-6722793-\$ or US-5479540-\$ or US-5485538-\$ or US-5838859-\$ or US-5796899-\$ or US-6851870-\$ or US-5841562-\$).did.	USPAT	OR	ON	2005/03/08 17:31
S8	7	(US-6722793-\$ or US-5479540-\$ or US-5485538-\$ or US-5838859-\$ or US-5796899-\$ or US-6851870-\$ or US-5841562-\$).did.	USPAT	OR	ON	2005/03/08 18:09
S9	0	S8 and polymer\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:10
S10	1	S8 and plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:16
S11	8	("20020012506"   "4749250"   "5498230"   "5631991"   "5852697"   "6302569"   "6302596"   "6432733").PN. OR ("6851870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 18:15
S12	5	S8 and laser near diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:16
S13	3	S8 and laser near diode and (photodetector photoelectric (photo adj electric) near sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:18
S15	0	S8 and stainless near steel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:19

S16	297	(US-6538901-\$ or US-6445988-\$ or US-5206766-\$ or US-5909294-\$ or US-5883730-\$ or US-6441937-\$ or US-6493121-\$ or US-5485538-\$ or US-5487124-\$ or US-5566265-\$ or US-5943461-\$ or US-5664035-\$ or US-5686990-\$ or US-6434015-\$ or US-6459746-\$ or US-6477200-\$ or US-6397136-\$ or US-6452870-\$ or US-6459973-\$ or US-6008750-\$ or US-6025963-\$ or US-5237441-\$ or US-5875047-\$ or US-5221832-\$ or US-5247310-\$ or US-5256865-\$).did. or (US-5278396-\$ or US-5506445-\$ or US-5631987-\$ or US-5652813-\$ or US-5696862-\$ or US-5729644-\$ or US-5841562-\$ or US-5842300-\$ or US-5854702-\$ or US-5956168-\$ or US-6169295-\$ or US-6287128-\$ or US-6347954-\$ or US-6361330-\$ or US-6385375-\$ or US-6527458-\$ or US-6618406-\$ or US-6628854-\$ or US-6659657-\$ or US-6661817-\$ or US-6789959-\$ or US-6827506-\$ or US-6836493-\$ or US-6856769-\$ or US-6857792-\$ or US-4874218-\$ or US-5210788-\$).did. or (US-5225830-\$ or US-5293032-\$ or US-5828476-\$ or US-6151645-\$ or US-6205320-\$ or US-6252544-\$ or US-6429812-\$ or US-6526080-\$ or US-4369524-\$ or US-5264955-\$ or US-5475775-\$ or US-5574806-\$ or US-6832861-\$ or US-5736782-\$ or US-6022151-\$ or US-6722793-\$ or US-6055425-\$ or US-5556128-\$ or US-5830348-\$ or US-5189544-\$ or US-5717516-\$ or US-4854667-\$ or US-5027434-\$ or US-5349267-\$ or US-5400419-\$ or US-5515682-\$ or US-5633761-\$).did. or (US-5659432-\$ or US-5677779-\$ or US-5689378-\$ or US-5693965-\$ or US-5721426-\$ or US-5751878-\$ or US-5771325-\$ or US-5877898-\$ or US-5949932-\$ or US-5966938-\$ or US-6026104-\$ or US-6075856-\$ or US-6229999-\$ or US-6407974-\$ or US-6785440-\$ or US-4449068-\$ or US-5537070-\$ or US-5926129-\$ or US-6049702-\$ or US-6084921-\$ or US-6147563-\$ or US-6232843-\$ or US-4798435-\$ or US-5917969-\$ or US-5337145-\$ or US-5339187-\$ or US-5363363-\$).did. or (US-5367397-\$ or US-4995045-\$ or US-4996416-\$ or US-5210633-\$ or US-5283679-\$ or US-5321710-\$ or US-5351685-\$ or US-5352885-\$	USPAT	OR	ON	2005/03/08 18:19
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S17	31	S16 and 385/92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:19
S18	7	S17 and stainless near steel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:19
S19	0	S17 and stainless near steel and ((bi multi) adj direction\$4 bidirection\$4 multidirection\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:20
S20	7	S18 and transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:20
S21	219	S16 and transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:22
S22	0	S16 and transceiver and sleeve and laser near diode and ((photodetector (photo adj electric) photoelectric) near sensor photo adj detector) and stainless near steel and plastic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:24
S23	2	S16 and transceiver and sleeve and laser near diode and ((photodetector (photo adj electric) photoelectric) near sensor photo adj detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:26
S24	976	optic\$4 near transceiver and (bidirectional bi adj directional)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:30
S26	8	S24 and sleeve and laser near diode and (((photoelectric photo adj electric) near sensor) photo adj detector photodetector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:30
S27	44	385/92.ccls. and optic\$4 near transceiver and (bidirectional bi adj directional)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:33
S28	0	S27 and sleeve and laser near diode and (((photoelectric photo adj electric) near sensor) photo adj detector photodetector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:31
S29	2	S27 and sleeve and laser near diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:33

S30	0	S27 and sleeve and laser near diode and mirror\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:34
S31	8	(US-20030210866-\$).did. or (US-6722793-\$ or US-5479540-\$ or US-5485538-\$ or US-5838859-\$ or US-5796899-\$ or US-6851870-\$ or US-5841562-\$).did.	US-PGPUB; USPAT	OR	ON	2005/03/08 18:44
S32	2	S31 and mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:38
S33	2	S32 and ceramic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:38
S34	1	S32 and ceramic near ferrule	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/08 18:38
S35	8	optic\$4 near transceiver and (combin\$6 integrat\$4) near3 seat	US-PGPUB; USPAT	OR	ON	2005/03/08 18:44
S37	10	(US-20030210866-\$ or US-20040071413-\$).did. or (US-5479540-\$ or US-5485538-\$ or US-5796899-\$ or US-5838859-\$ or US-5841562-\$ or US-6538901-\$ or US-6722793-\$ or US-6851870-\$).did.	US-PGPUB; USPAT	OR	ON	2005/03/09 13:28
S38	3	S37 and plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:33
S40	26	(optic\$4 near transceiver) near3 (bidirectional bi adj directional) and plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:42
S41	0	(optic\$4 near transceiver) near3 (bidirectional bi adj directional) and combin\$5 near2 seat and mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:42
S42	0	(optic\$4 near transceiver) near3 (bidirectional bi adj directional) and combin\$5 near2 seat	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:43
S43	24	(optic\$4 near transceiver) near3 (bidirectional bi adj directional) and mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:54

S44	9	(optic\$4 near transceiver) near3 (bidirectional bi adj directional) and mirror and (((photoelectric photo adj electric) near sensor) (photo adj detector) photodetector) and laser near diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:57
S45	2	S44 and sleeve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 13:58
S46	533	398/128-131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:26
S47	95	S46 and (bidirection\$4 bi adj direction\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:27